

ABSTRACT OF THE DISCLOSURE

On inclined installation of the segmented grinding platen (11, 12, 13) of a through belt grinding machine, the problem arises of the altered arrangement of the scanning element series (15) relative to a position for the segment series (11) which is different thereto, for example, at right angles. According to the invention, the resulting deviations are allowed for by the lateral displacement of the scanning elements by means of a lever device (16), or by a pivoting of the scanning element series in a parallelogram construct (18). The application of the segments (11), following the determination of the workpiece properties by the scanning elements (15), occurs using an individually programmable electronic controller.